

SEQUENCE LISTING

<110> Max-Planck-Gesellschaft zur Förderung der Wissenschaften
e.V.

<120> FKBP51 : A Novel Target for Antidepressant Therapy

<130> H 2589 PCT

<141> 2004-09-28

<150> EP 03 02 6953.4

<151> 2003-11-25

<160> 155

<170> PatentIn version 3.2

<210> 1

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 1

acgttggatg tatctggcaa ccctaacctc

30

<210> 2

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 2

acgttggatg cctaacgaga tagtgaggag

30

<210> 3

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 3

acgttggatg aacaccaaga gaagcagctc

30

<210> 4

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 4

acgttggatg ctatccacct cctccataag

30

<210> 5

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 5

acgttggatg aagagatcca ggcacagaag

30

<210> 6

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 6

acgttggatg tgccagcagt agcaagtaag

30

<210> 7

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 7

acgttggatg aaacccttag tgtagaagag

30

<210> 8

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 8

acgttggatg ttacactcc tctatcatgc

30

<210> 9
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 9
 gactcctaca ttttcctct 19

<210> 10
 <211> 18
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 10
 gaagcagctc cctttaga 18

<210> 11
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 11
 ggctttcaca taagcaaagt ta 22

<210> 12
 <211> 24
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 12
 aagagcaact atttatttgt caac . 24

<210> 13
 <211> 21
 <212> DNA
 <213> Artificial

<220>

<221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

 <400> 13
 attttcctct atcttggtcc a 21

<210> 14
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

 <400> 14
 attttcctct gtcttggtcc a 21

<210> 15
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

 <400> 15
 taaagtaatt ctctaaaggg a 21

<210> 16
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

 <400> 16
 taaagtaatt ttctaaaggg a 21

<210> 17
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

 <400> 17
 agcaaagtta tacaaaacaa a 21

<210> 18

<211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 18
 agcaaagtta cacaaaacaa a 21

<210> 19
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 19
 atttgtcaac cctacagatt t 21

<210> 20
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 20
 atttgtcaac actacagatt t 21

<210> 21
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 21
 acgttgatg tcgaaggac ttattcctcc. 30

<210> 22
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 22
acgttggatg cagcagaagg aagacatcag

30

<210> 23
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 23
acgttggatg acacacggct catctgtaac

30

<210> 24
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 24
acgttggatg atgccaggca tttgggtttc

30

<210> 25
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 25
acgttggatg aagccctgtg gttttatgcc

30

<210> 26
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 26
acgttggatg tggaacaatt ctgtccccag

30

<210> 27
<211> 30
<212> DNA
<213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 27
 acgttggatg tttcctccct agattcccag

30

<210> 28
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 28
 acgttggatg gtcccagtg aactttatgg

30

<210> 29
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 29
 acgttggatg acaagctatc gggctttctc

30

<210> 30
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 30
 acgttggatg agacaatctc ccagttgcag

30

<210> 31
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 31
 acgttggatg tctgaaatcc agctggacac

30

<210> 32
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 32
acgttggatg agtgagactc tgtccaaaag 30

<210> 33
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 33
acgttggatg ttgagaccag atgttggagg 30

<210> 34
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 34
acgttggatg gacagagtct ggctctgttg 30

<210> 35
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 35
acgttggatg tacagaccct gcaaagaacc 30

<210> 36
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 36

acgttgatg tgcgctatgg ctgcagatac

30

<210> 37

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 37

acgttgatg tacagaccct gcaaagaacc

30

<210> 38

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 38

acgttgatg tgcgctatgg ctgcagatac

30

<210> 39

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 39

acgttgatg aaacagggaa gcttctaggc

30

<210> 40

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 40

acgttgatg aagccaagac tgaaaccgcc

30

<210> 41

<211> 30

<212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 41
 acgttggatg tattacaggc gtgagccatc 30

<210> 42
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 42
 acgttggatg atggtcttta gaggaattct 30

<210> 43
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 43
 acgttggatg gacagagtga gactcctcta 30

<210> 44
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 44
 acgttggatg ttctcaaacc agcactcagg 30

<210> 45
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 45

acgttggatg gggaaaagaa tcaaggggaag

30

<210> 46
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 46
 acgttggatg ctggaactaa gtgatctgtg

30

<210> 47
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 47
 acgttggatg ggtaggtag agctcagttc

30

<210> 48
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 48
 acgttggatg gtagagaacc tggtaagaag

30

<210> 49
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 49
 acgttggatg gtggcaaata ggagttctcc

30

<210> 50
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 50
 acgttgatg ttggcaggtg tttttctgag 30

<210> 51
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 51
 acgttgatg agaccacacc acagaacaag 30

<210> 52
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 52
 acgttgatg ttgcttaacc ctctccagac 30

<210> 53
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 53
 acgttgatg atatacatag aggctggccg 30

<210> 54
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 54
 acgttgatg actcctgacc tcgtgatctg 30

<210> 55
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 55
 acgttggatg gatgactgat acttcagtct 30

<210> 56
 <211> 31
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 56
 acgttggatg gaaagcaaag ctgaaaagta g 31

<210> 57
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 57
 acgttggatg ccactcttac attcctctcc 30

<210> 58
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 58
 acgttggatg tccctctcca aatctcactg 30

<210> 59
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 59
acgttggatg agtggagcta taggagctag 30

<210> 60
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 60
acgttggatg acggaagac tgctgattgc 30

<210> 61
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 61
acgttggatg tcgaaggac ttattcctcc 30

<210> 62
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 62
acgttggatg cagcagaagg aagacatcag 30

<210> 63
<211> 30
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 63
acgttggatg agaataaacc tgtgtttctg 30

<210> 64
<211> 30
<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 64

acgttggatg aggagcaacc atatttctaa

30

<210> 65

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 65

acgttggatg gggtgaaagt ggcagaacaa

30

<210> 66

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 66

acgttggatg ccgctggcta atgaaaaaac

30

<210> 67

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 67

acgttggatg agacgatgga cccattttac

30

<210> 68

<211> 30

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 68

acgttggatg tcttttccaa gtggtgaacc

30

<210> 69
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 69
 acgttgatg aatttttacc actgagcagg 30

<210> 70
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 70
 acgttgatg gctttggctt tacggaagag 30

<210> 71
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 71
 acgttgatg attctctctt gagtcggtgc 30

<210> 72
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 72
 acgttgatg tagaaccttg ccacagagac 30

<210> 73
 <211> 30
 <212> DNA
 <213> Artificial

<220>

<221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 73
 acgttgatg tgcaaaaact acaaaaagcc 30

<210> 74
 <211> 30
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 74
 acgttgatg aggttatca accttgaggc 30

<210> 75
 <211> 17
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 75
 ccgcctaca ctttcac 17

<210> 76
 <211> 20
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 76
 atctgtaact tagagccctt 20

<210> 77
 <211> 18
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 77
 cagttgaaag agcctcac 18

<210> 78

<211> 17
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 78
 ccttaggcac aaccacc

17

<210> 79
 <211> 17
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 79
 ttctcccgag gctccca

17

<210> 80
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 80
 ctggacacaa ttccttagtt a

21

<210> 81
 <211> 18
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 81
 aactgagatc atgccact

18

<210> 82
 <211> 18
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 82
ggaaagggct gctcatcc

18

<210> 83
<211> 21
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 83
tcattaacgc agaaaaacaa a

21

<210> 84
<211> 18
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 84
gaggacagac aaatgact

18

<210> 85
<211> 21
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 85
cagtaatg cttgctgtac c

21

<210> 86
<211> 23
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 86
ttactagtga cattctaaag gag

23

<210> 87
<211> 21
<212> DNA
<213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 87
 gatgcaagaa tagcatggat c 21

<210> 88
 <211> 17
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 88
 gagctcagtt cccaggg 17

<210> 89
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 89
 tgtcagttgt ttttccttga a 21

<210> 90
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 90
 gaacaagaaa ccagttgtat ca 22

<210> 91
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 91
 ctgtaattcc agcactttg 19

<210> 92
<211> 24
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 92
agtctttaag tttaattgca ggtc

24

<210> 93
<211> 18
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 93
attcctctcc tttccagc

18

<210> 94
<211> 21
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 94
aggctcatct gcatctgtta c

21

<210> 95
<211> 24
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 95
tagaatgttc ttacacaaat ctag

24

<210> 96
<211> 19
<212> DNA
<213> Artificial

<220>
<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 96

gtgtttctgg tttgttacc

19

<210> 97

<211> 17

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 97

tggcagaaca atgcatc

17

<210> 98

<211> 22

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 98

cccattttac agttatgggc tc

22

<210> 99

<211> 17

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 99

ctgagcaggt gaaaaat

17

<210> 100

<211> 17

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 100

ggtgcctcgt gcagagc

17

<210> 101

<211> 20

<212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 101
 ttcatctga taggccaac 20

<210> 102
 <211> 29
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 102
 ttgaaaagg gcatgtgaaa gtgtagggc 29

<210> 103
 <211> 29
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 103
 ttgaaaagg gcaggtgaaa gtgtagggc 29

<210> 104
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 104
 gggagcctgt aaagggtct aagtt 25

<210> 105
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 105

gggagcctgt gaagggctct aagtt

25

<210> 106
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 106
 tccactgaga tgtgaggctc tt

22

<210> 107
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 107
 tccactgaga cgtgaggctc tt

22

<210> 108
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 108
 agaaactctt aacggtgggtt atg

23

<210> 109
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 109
 agaaactctt aatggtgggtt atg

23

<210> 110
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 110
 caccaagatc agtgggagcc tcg

23

<210> 111
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 111
 caccaagatc actgggagcc tcg

23

<210> 112
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 112
 attccttagt taagtccttg ttctt

25

<210> 113
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 113
 attccttagt taggtccttg ttctt

25

<210> 114
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 114
 gatcatgccca ctgtactcca gcc

23

<210> 115
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 115
 gatcatgccca ctatactcca gcc

23

<210> 116
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 116
 acctggatgt cggatgagca gc

22

<210> 117
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 117
 acctggatgt gggatgagca gc

22

<210> 118
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 118
 agaaaaacaa agttgatcaa aat

23

<210> 119
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 119
 agaaaaacaa aattgatcaa aat

23

<210> 120
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 120
 gggtctgtct cagtcatttg tct

23

<210> 121
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 121
 gggtctgtct tagtcatttg tct

23

<210> 122
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 122
 tcttcacgcc gggtacagc

19

<210> 123
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 123
 tcttcacgcc aggtacagc

19

<210> 124
 <211> 21
 <212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 124

cagggtcttc tgctccttta g

21

<210> 125

<211> 21

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 125

cagggtcttc tcctccttta g

21

<210> 126

<211> 24

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 126

tagcatggat cagttcatca acta

24

<210> 127

<211> 24

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 127

tagcatggat ctgttcatca acta

24

<210> 128

<211> 25

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 128

gaatcttgaa tgtccctggg aactg

25

<210> 129
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 129
 gaatcttgaa tgcccctggg aactg

25

<210> 130
 <211> 24
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 130
 tttttccttg aagtgacaga ctta

24

<210> 131
 <211> 24
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 131
 tttttccttg aaatgacaga ctta

24

<210> 132
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 132
 gttgtatcat tcagtatata t

21

<210> 133
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 133
 gttgtatcac tcagtatata t 21

<210> 134
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 134
 tccagcactt tgggaggcca agg 23

<210> 135
 <211> 23
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 135
 tccagcactt tgcgaggcca agg 23

<210> 136
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 136
 aatgtagcca cgacctgcaa tt 22

<210> 137
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 137
 aatgtagcca agacctgcaa tt 22

<210> 138
<211> 22
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 138
ctcctttcca gcgctattat tg 22

<210> 139
<211> 22
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 139
ctcctttcca gcactattat tg 22

<210> 140
<211> 22
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 140
gccctgattg cggtaacaga tg 22

<210> 141
<211> 22
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 141
gccctgattg cagtaacaga tg 22

<210> 142
<211> 23
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 142
cacaaatcta ggtggaacag cct

23

<210> 143
<211> 23
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 143
cacaaatcta gatggaacag cct

23

<210> 144
<211> 24
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 144
gacagtttag tgggtaacaa acca

24

<210> 145
<211> 24
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 145
gacagtttag taggtaacaa acca

24

<210> 146
<211> 23
<212> DNA
<213> Artificial

<220>
<221> source
<223> /note="Description of artificial sequence: oligonucleotide"

<400> 146
tttttagcaa cgatgcattg ttc

23

<210> 147
<211> 23
<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 147

tttttagcaa tgatgcattg ttc

23

<210> 148

<211> 19

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 148

tatgggctct caaaattca

19

<210> 149

<211> 19

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 149

tatgggctcc caaaattca

19

<210> 150

<211> 23

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 150

atacttattt gaatttttca cct

23

<210> 151

<211> 23

<212> DNA

<213> Artificial

<220>

<221> source

<223> /note="Description of artificial sequence: oligonucleotide"

<400> 151

atacttattt ggatttttca cct

23

<210> 152
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 152
 ctcgtgcaga gccctcctc tgctg

25

<210> 153
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 153
 ctcgtgcaga gctcctcctc tgctg

25

<210> 154
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 154
 aggccaaca gtataccttt gc

22

<210> 155
 <211> 22
 <212> DNA
 <213> Artificial

<220>
 <221> source
 <223> /note="Description of artificial sequence: oligonucleotide"

<400> 155
 aggccaacg gtataccttt gc

22